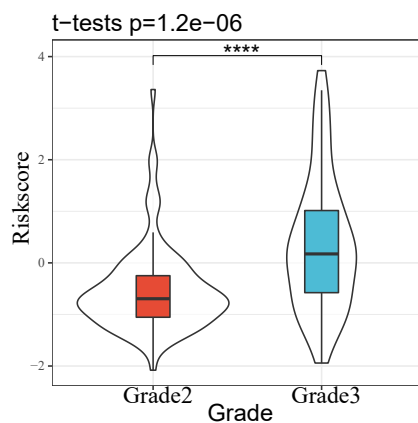
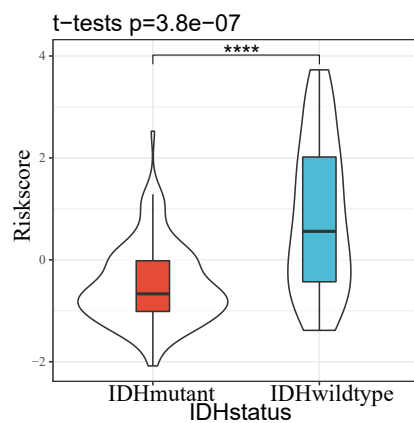


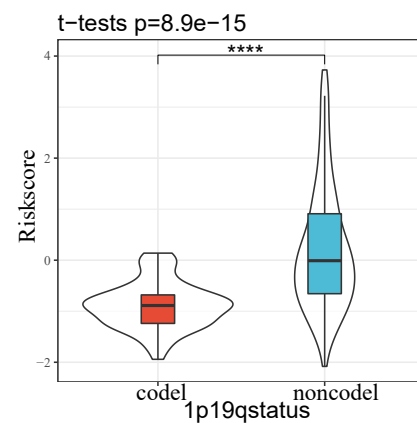
A



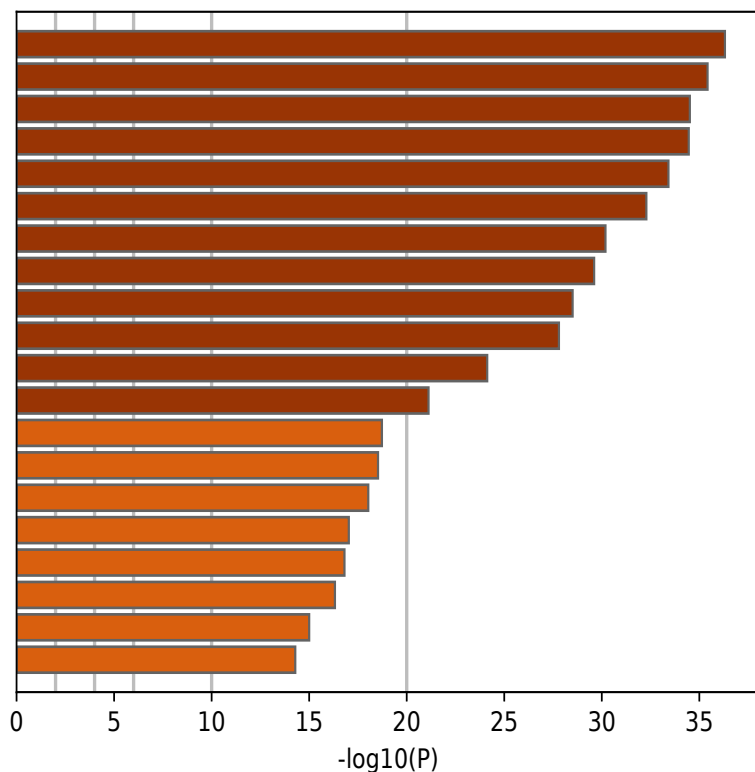
B



C



D



GO:0050778: positive regulation of immune response
 GO:0002252: immune effector process
 R-HSA-6798695: Neutrophil degranulation
 GO:0001817: regulation of cytokine production
 GO:0031347: regulation of defense response
 R-HSA-1280215: Cytokine Signaling in Immune system
 WP3945: TYROBP causal network in microglia
 GO:0002831: regulation of response to biotic stimulus
 GO:0002274: myeloid leukocyte activation
 GO:0050865: regulation of cell activation
 GO:0009615: response to virus
 R-HSA-1280218: Adaptive Immune System
 GO:0007249: I-kappaB kinase/NF-kappaB signaling
 ko05145: Toxoplasmosis
 GO:0002221: pattern recognition receptor signaling pathway
 GO:0043299: leukocyte degranulation
 GO:0002698: negative regulation of immune effector process
 GO:0071216: cellular response to biotic stimulus
 hsa04621: NOD-like receptor signaling pathway
 R-HSA-168898: Toll-like Receptor Cascades

E

NAME	NES	FDR q-val
INTERLEUKIN 2 PRODUCTION	-2.08848	0.32771
POSITIVE REGULATION OF EXTRINSIC APOPTOTIC SIGNALING PATHWAY	-2.06136	0.258285
NEGATIVE REGULATION OF INNATE IMMUNE RESPONSE	-2.0547	0.190893
SUPEROXIDE METABOLIC PROCESS	-2.04865	0.161165
CELL REDOX HOMEOSTASIS	-2.01582	0.225365
INTEGRIN MEDIATED SIGNALING PATHWAY	-2.00131	0.238903
CYTOKINE METABOLIC PROCESS	-1.99982	0.210569
T CELL PROLIFERATION	-1.99392	0.200866
INTERLEUKIN 8 PRODUCTION	-1.99366	0.179411
RESPONSE TO TYPE I INTERFERON	-1.99346	0.161691
RESPONSE TO VIRUS	-1.99269	0.14886
NEGATIVE REGULATION OF INTERLEUKIN 2 PRODUCTION	-1.98928	0.145198
GLYCOSYL COMPOUND CATABOLIC PROCESS	-1.98631	0.139637
NEGATIVE REGULATION OF LYMPHOCYTE ACTIVATION	-1.98213	0.137135
NEGATIVE REGULATION OF CELL ACTIVATION	-1.97385	0.144491
RESPONSE TO FUNGUS	-1.97028	0.142688
ANTIGEN PROCESSING AND PRESENTATION OF EXOGENOUS PEPTIDE ANTIGEN VIA MHC CLASS I	-1.95615	0.16202
NEGATIVE REGULATION OF T CELL PROLIFERATION	-1.95124	0.163441
IMMUNE EFFECTOR PROCESS	-1.95065	0.155688
INNATE IMMUNE RESPONSE	-1.9484	0.152867